

Please delete the Abstract of the Disclosure and substitute therefor the replacement Abstract of the Disclosure as follows:

ABSTRACT OF THE DISCLOSURE

~~— A method is provided for evaluating drug compounds based on their binding properties to human serum albumin wherein structural information at particular albumin binding regions is entered into a computer database and assessed with regard to particular contacting binding residues located in accordance with the invention. The information obtained through the computer database is thus useful in assessing and predicting drug interactions at albumin binding sites. Further, protein fragments including one or more albumin binding sites are provided which can be used in methods of assessing and designing drugs.~~

A method is provided for evaluating the ability of a compound to associate with a human serum albumin binding region wherein a computer model is constructed in order to perform a fitting operation with regard to the three-dimensional structural binding coordinates of the association between the compound and albumin so as to evaluate the ability of the compound to associate with the albumin binding region. This method will be useful in assessing and predicting drug interactions at the albumin binding sites.